

FIDELITY RACING® TRANSFORMER OIL BSI

Fidelity Racing® Transformer Oil BSI is a highly refined naphthenic mineral oil, provides good oxidation stability and high dielectric strength, excellent conductive heat transfer properties for a longer transformer life with less maintenance and compatible with construction materials used in electrical systems. It was developed to deliver solid resistance to oil degradation. It is an inhibited oil and fulfils the requirements for **IEC 60296:2012 (Edition 4) requirement**.

APPLICATIONS:

Fidelity Racing® Transformer Oil BSI is recommended for used in power and distribution transformers, rectifiers, circuit breakers, switchgears and other electrical equipment.

BENEFITS:

- Minimizes energy losses through its excellent electrical insulation and dielectric properties.
- Maximizes life of switch contacts by rapidly quenching arcs.
- Prevents arcing between electrodes.
- Provides effective cooling of transformer coils.
- Good heat transfer.

Product Specification

TRANSFORMER OIL INHIBITED KEY PROPERTIES	TYPICAL RESULTS*
Product number	520608
Breakdown Voltage(Before Treatment), kV	62
Dissipation Factor @ 90°C	<0.001
Neutralization Value, mgKOH/g	<0.01
Kinematic viscosity at 40°C, mm²/s	10.25
Kinematic viscosity at -30°C, mm²/s	1385.5
Flash point, PM, °C	>140
Corrosive Sulphur	Non corrosive
Pour Point, °C	-45
Inhibitor Content, wt%	0.38

The above characteristics are average values based on recent production.

Minor variations which do not affect product performance are to be expected in normal manufacture.

WARNING:

Continuous contact with used oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children. Don't pollute. Conserve resources. Return used oil and bottle to collection centers.